

Handheld Computing System 110

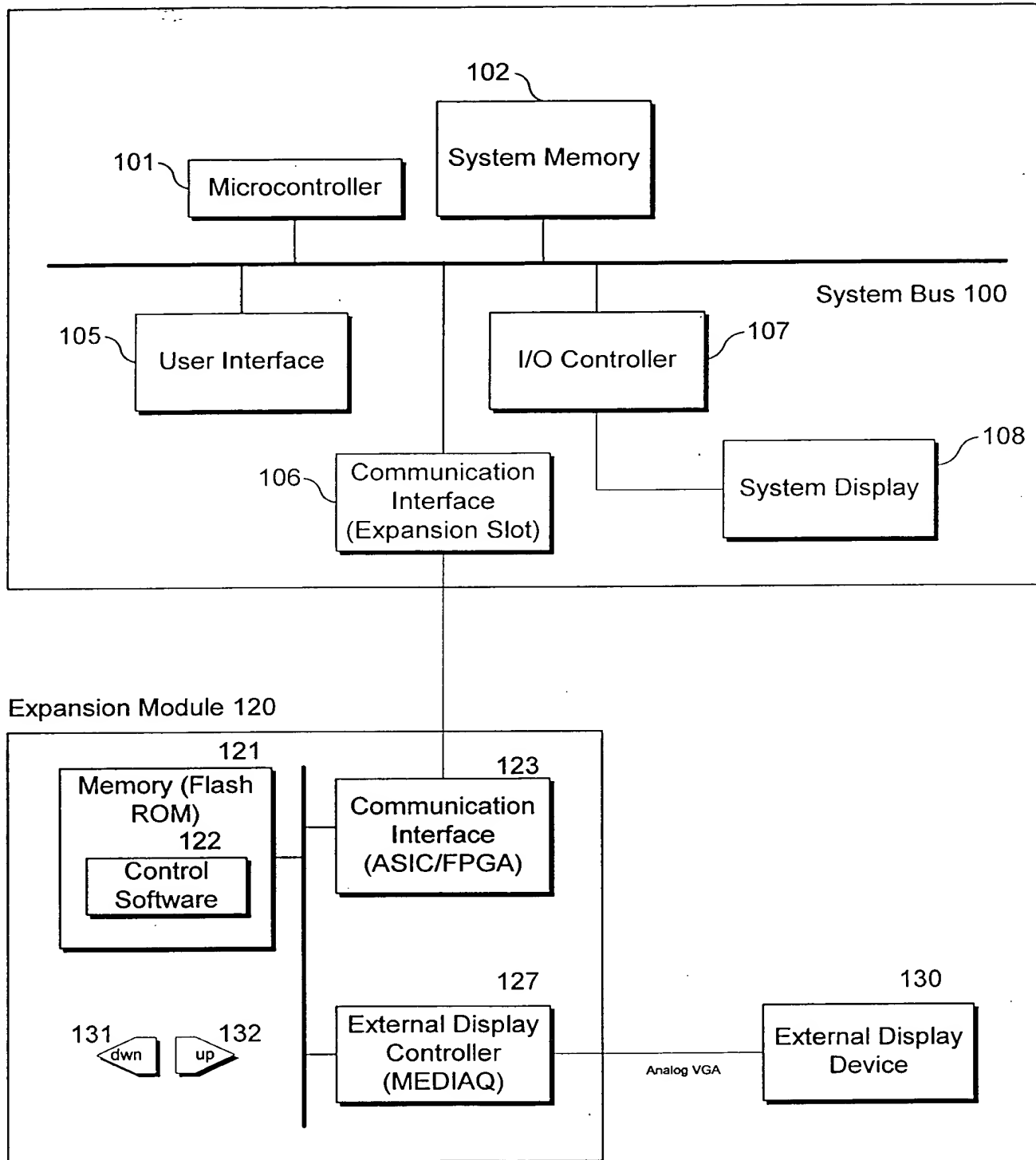


FIG. 1

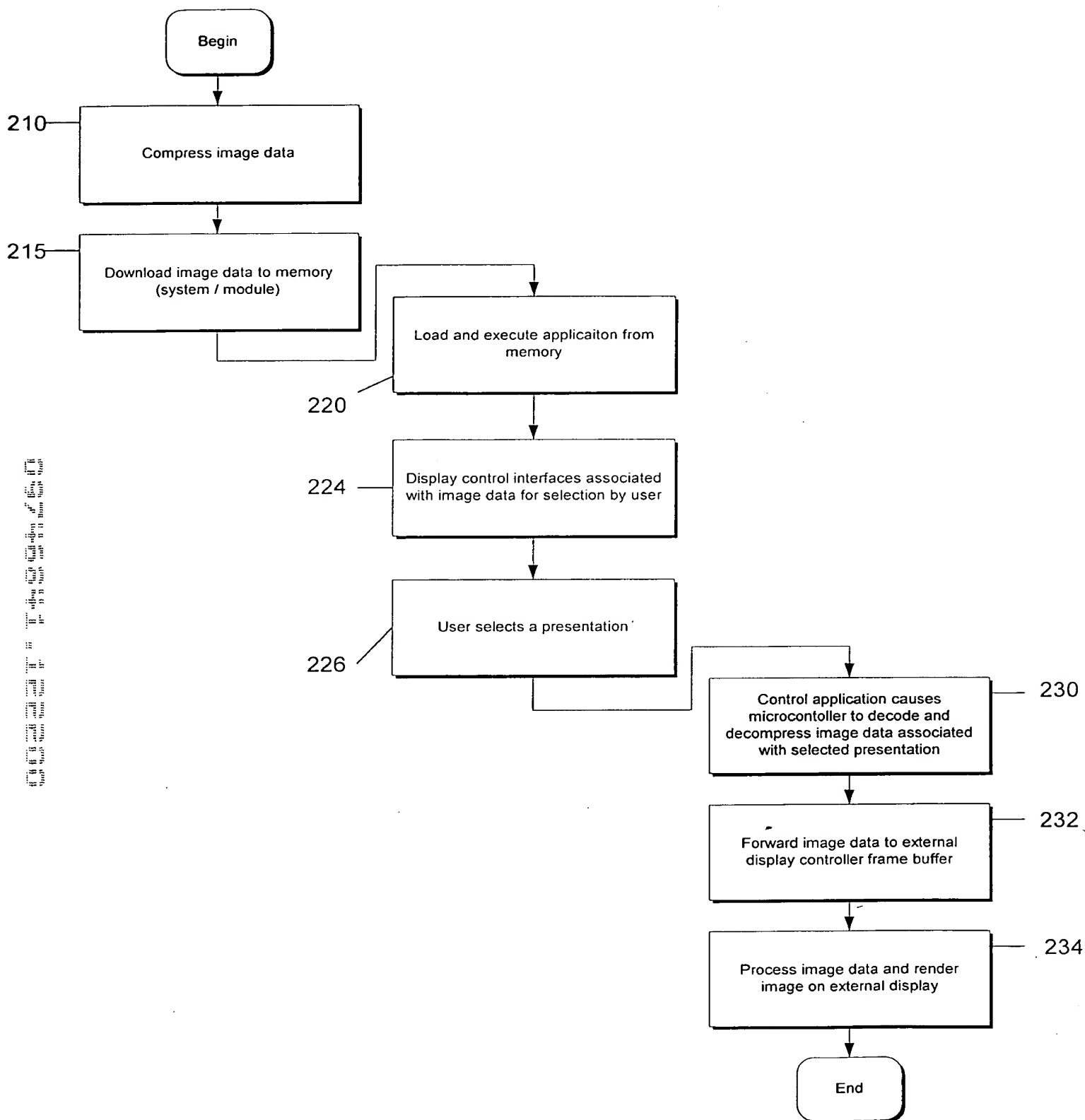


FIG. 2

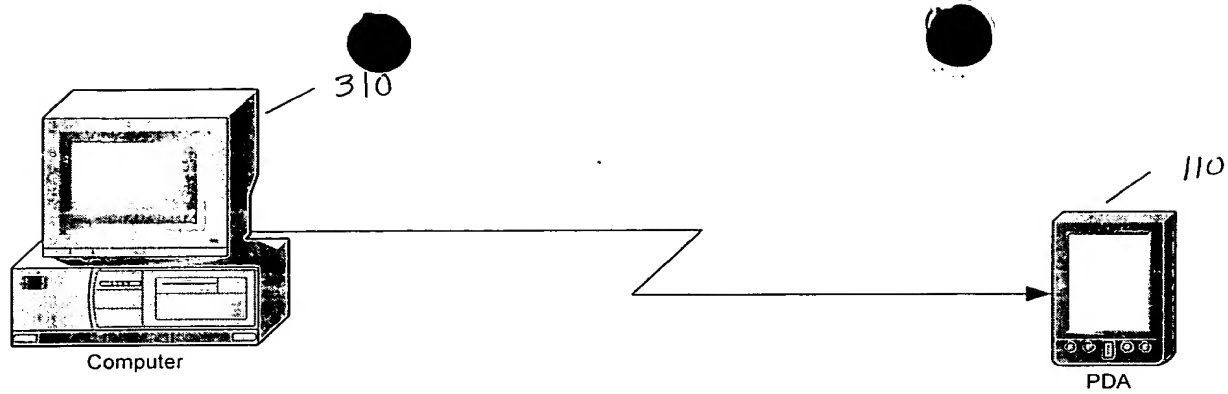


FIG. 3A

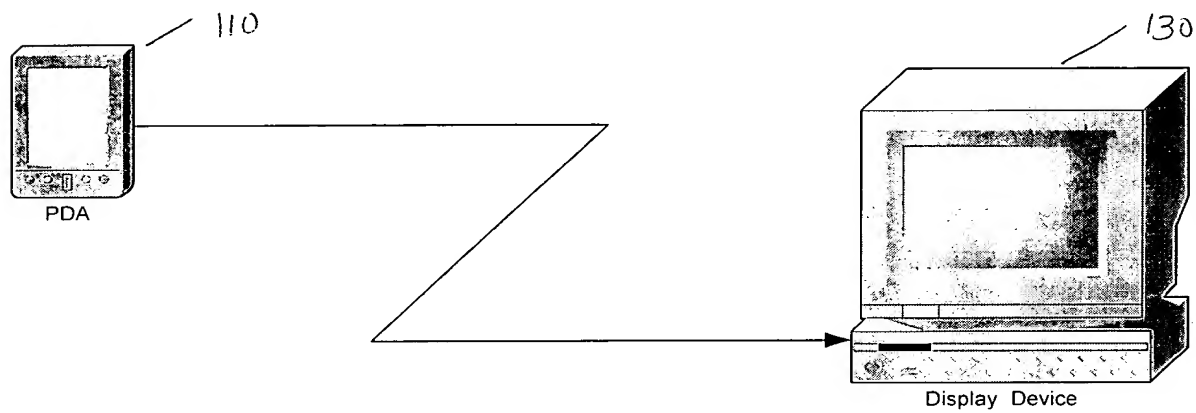


FIG. 3B

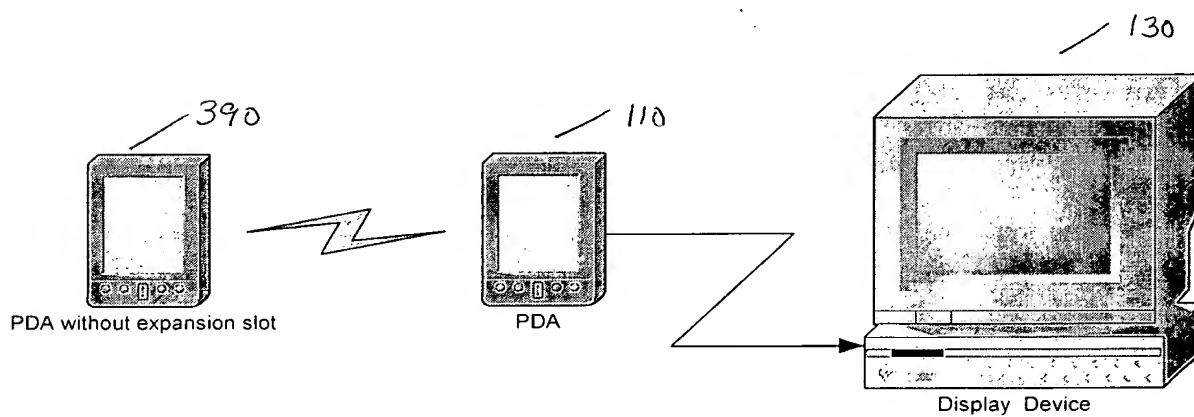


FIG. 3C

Menu: FILE

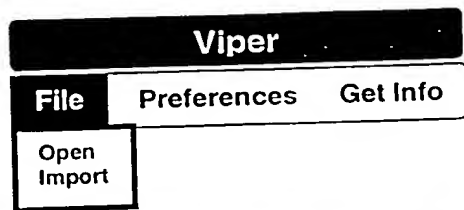


FIG. 4A

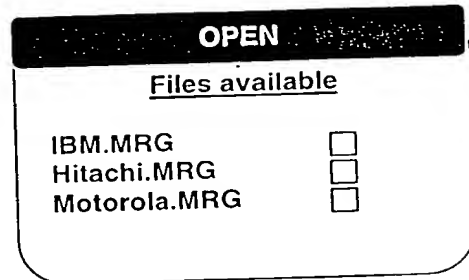


FIG. 4B

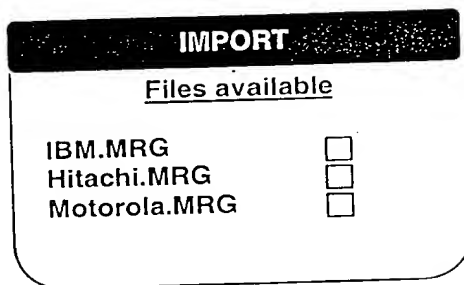


FIG. 4C

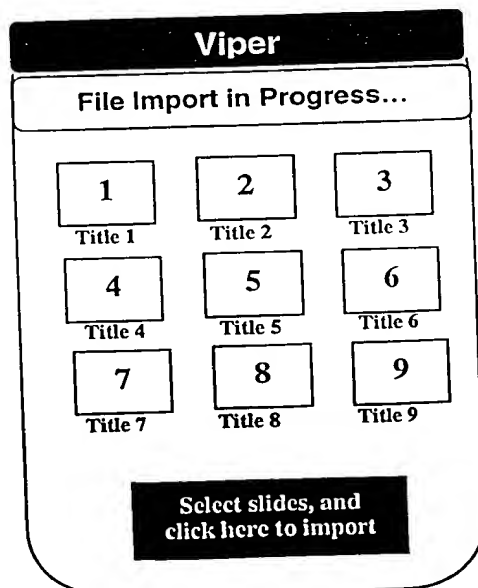


FIG. 4D

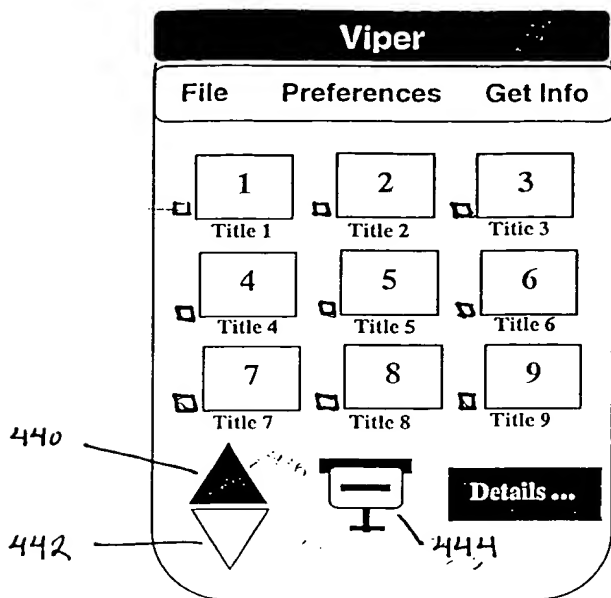


FIG. 4E



Move the selected slide up



Move the selected slide down



Start Slide Show

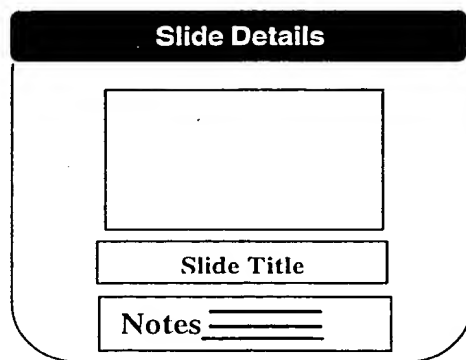


FIG. 4F

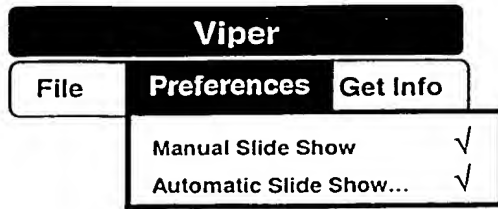


FIG. 4G

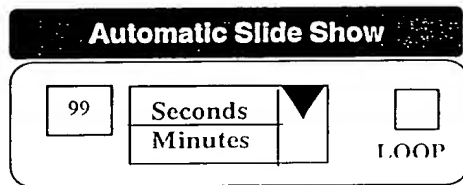


FIG. 4H

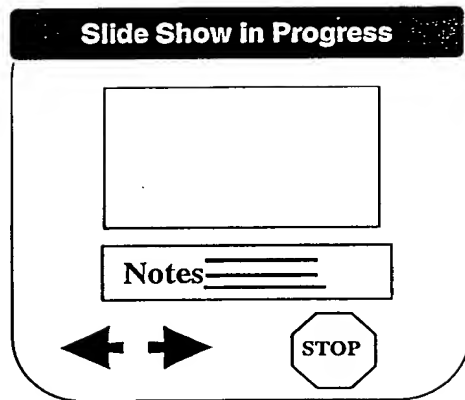


FIG. 4I

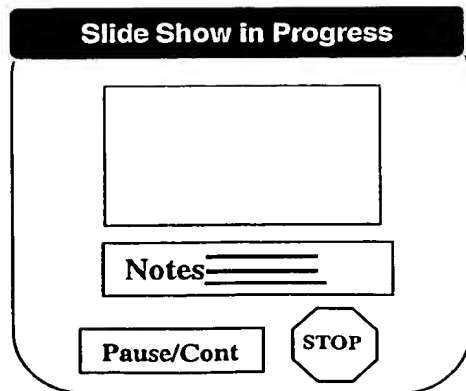


FIG. 4J

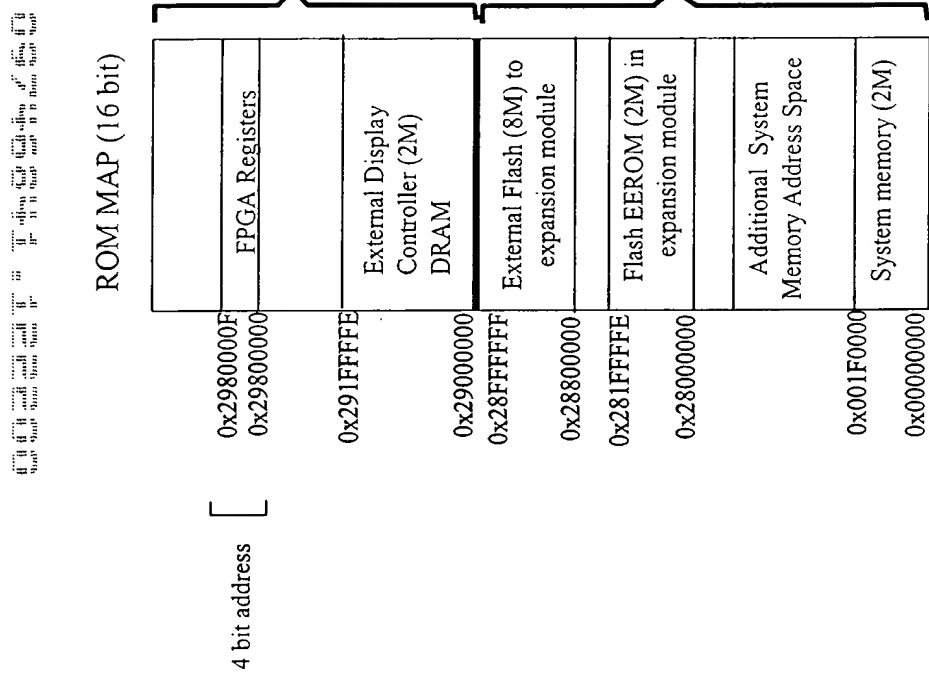


Figure 5A

FIG. 5B is a diagram illustrating the bit planes of a 32-bit pixel value. The diagram shows the bit planes for a 32-bit pixel value, where the bits are grouped into 8-bit, 4-bit, 2-bit, and 1-bit planes. The bit planes are labeled as follows: 32-bit, 24-bit, 16-bit, 8-bit, 4-bit, 2-bit, 1-bit, and 0-bit. The bit planes are arranged in a hierarchical structure, with the 32-bit plane at the top and the 0-bit plane at the bottom. The bit planes are labeled with their respective bit positions, ranging from 31 down to 0.

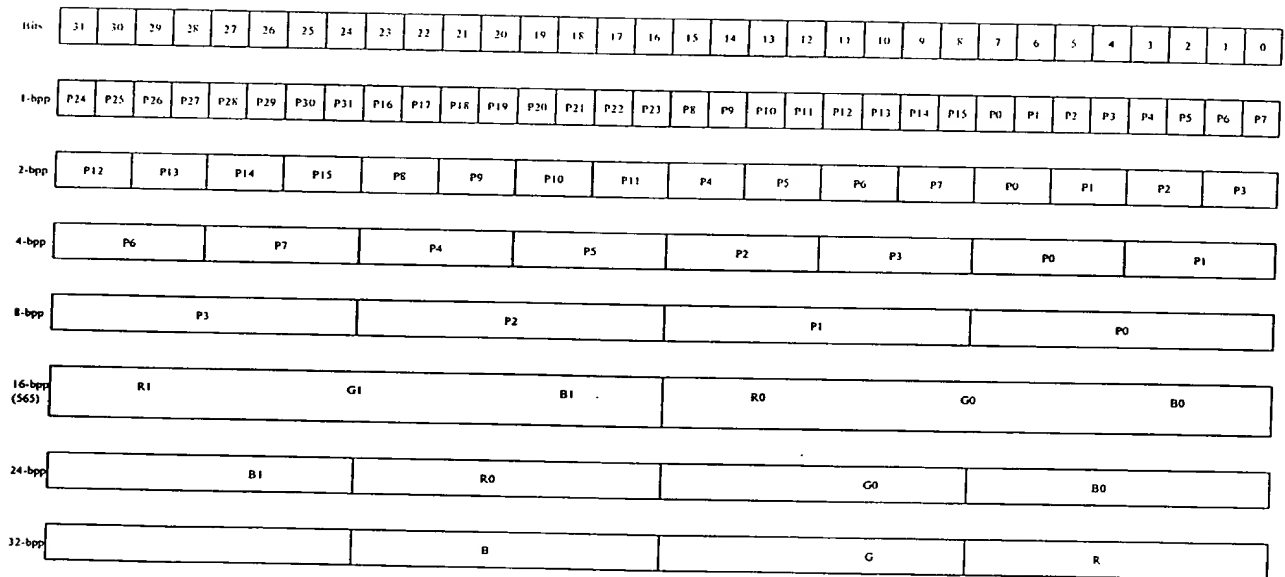


FIG. 5B

Register Addresses		Read (16 bits)	Write (16 bits)
High Address bits	Low Address (0-7)		
0x298000	00	ID, Version #, Status	Interrupt, Timer, Control
0x298000	02	Microcontroller Data Exchange Register	Microcontroller Data Exchange Register
0x298000	04	Microcontroller Data Transfer Status Register	Microcontroller Data Transfer Status Register
0x298000	06-0f	Reserved for Future	Reserved for Future

FIG. 5C

Handheld Computing System 110

FIG. 6 is a block diagram of a handheld computing system 110 and an expansion module 120. The handheld computing system 110 includes a microcontroller 101, system memory 102, a user interface 105, a system display controller 107, a communication interface 106, and a system display 108. The expansion module 120 includes a memory (Flash ROM) 121, control 122 software, an audio interface 137, a communication interface 123, an external memory interface 124, a microcontroller (DSP) 125, an external display controller 127, and a transmitter (Panel Link) 126. The expansion module 120 is connected to the handheld computing system 110 via a wireless connection. The expansion module 120 is also connected to an external memory (Flash) 140, an external display device 130, and a power source 150. The external display device 130 is connected to the expansion module 120 via a DVI Digital Signal and a Power feed back. The external memory 140 is connected to the expansion module 120 via an External memory Interface 124. The expansion module 120 also includes a DC in 135, a switch 133, and a down/up button 131/132.

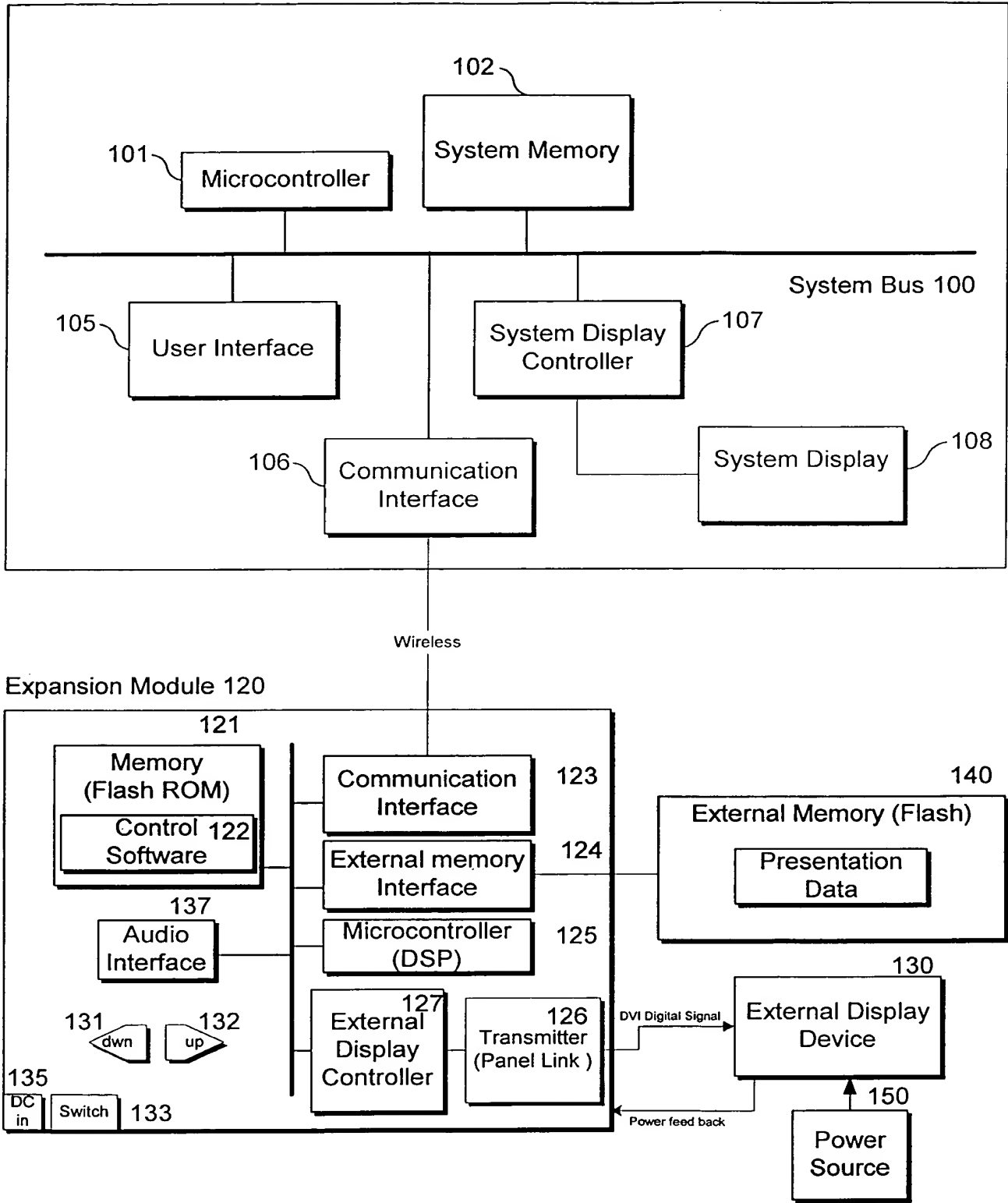
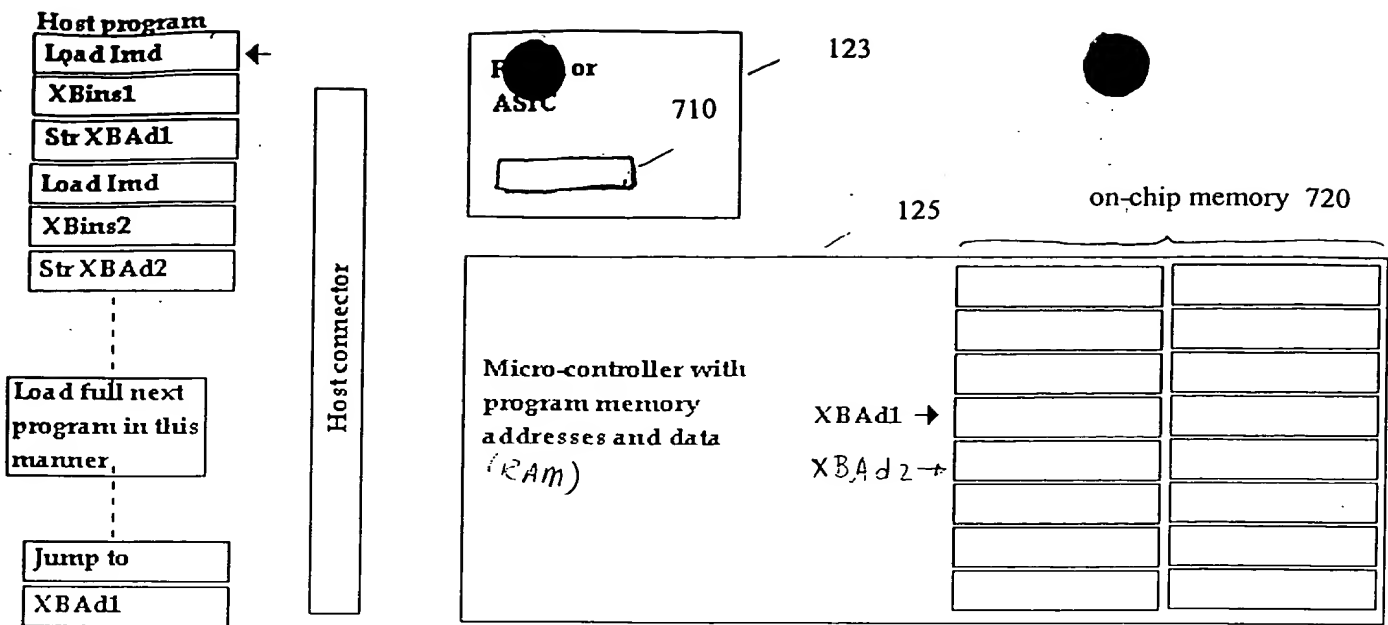


FIG. 6



After reset

FIG. 7A

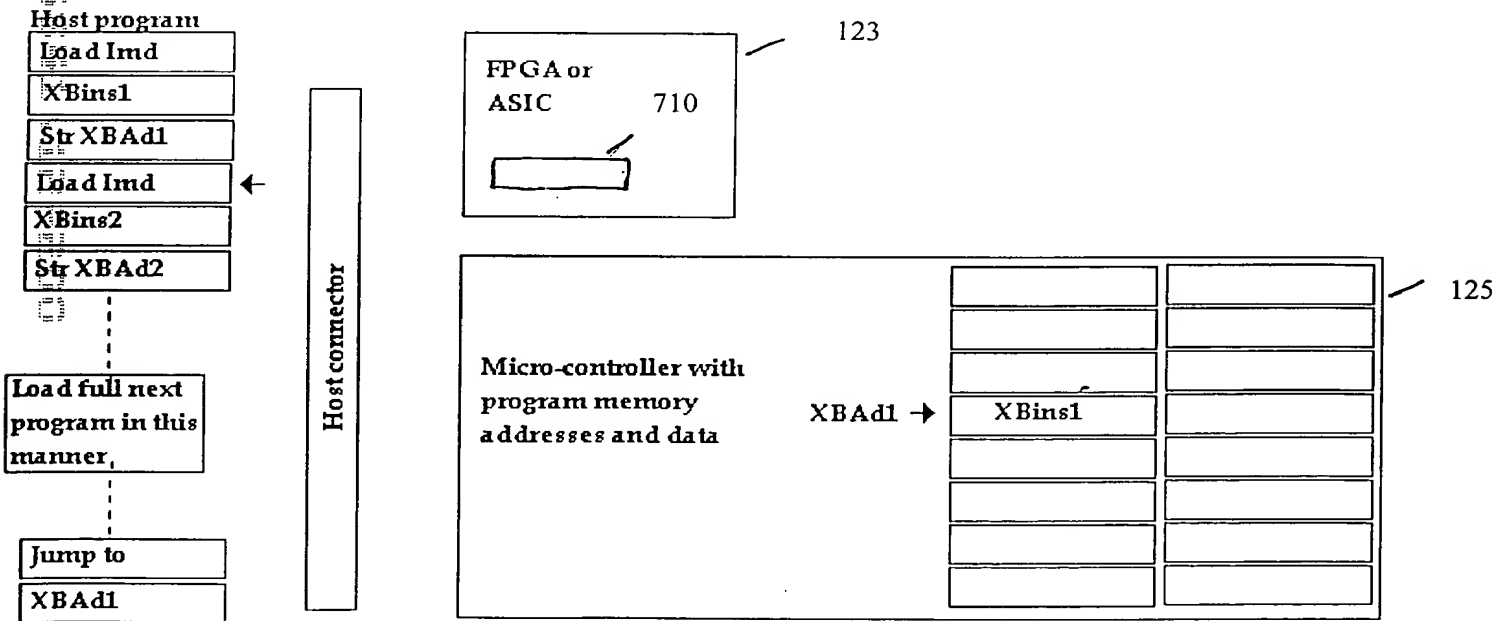


FIG. 7B

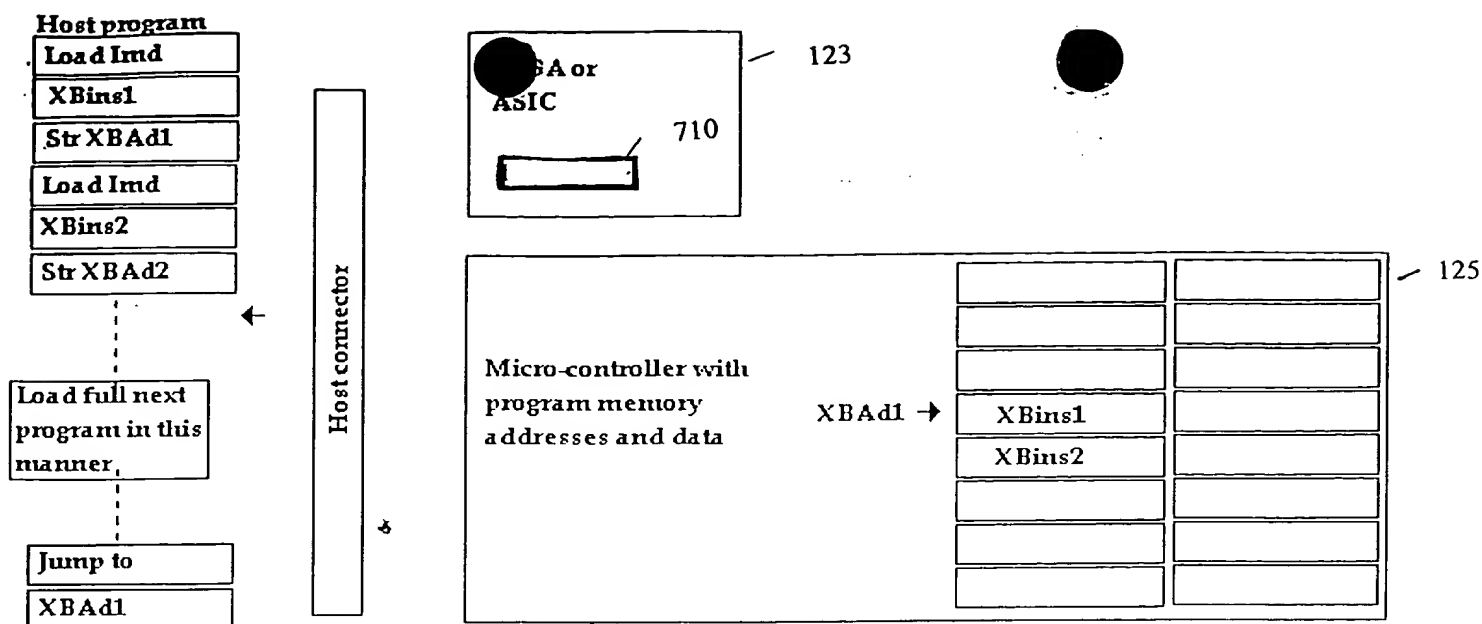


FIG. 7C

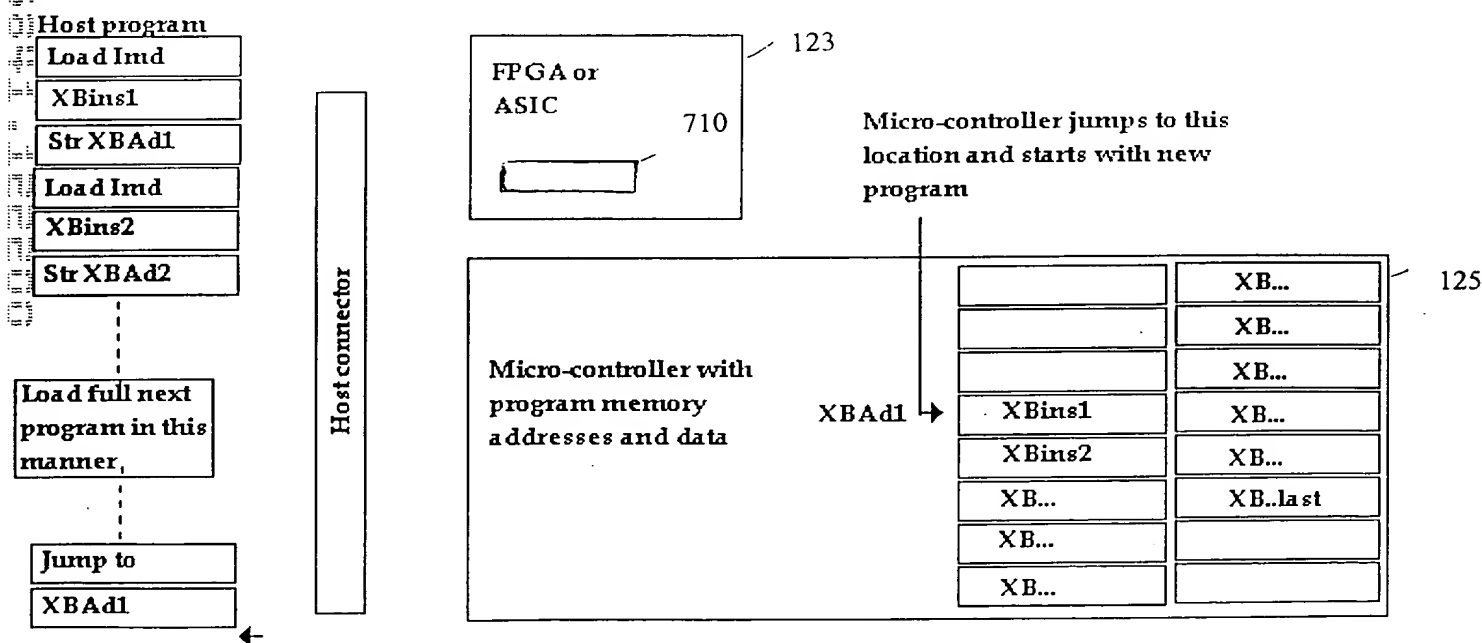


FIG. 7D

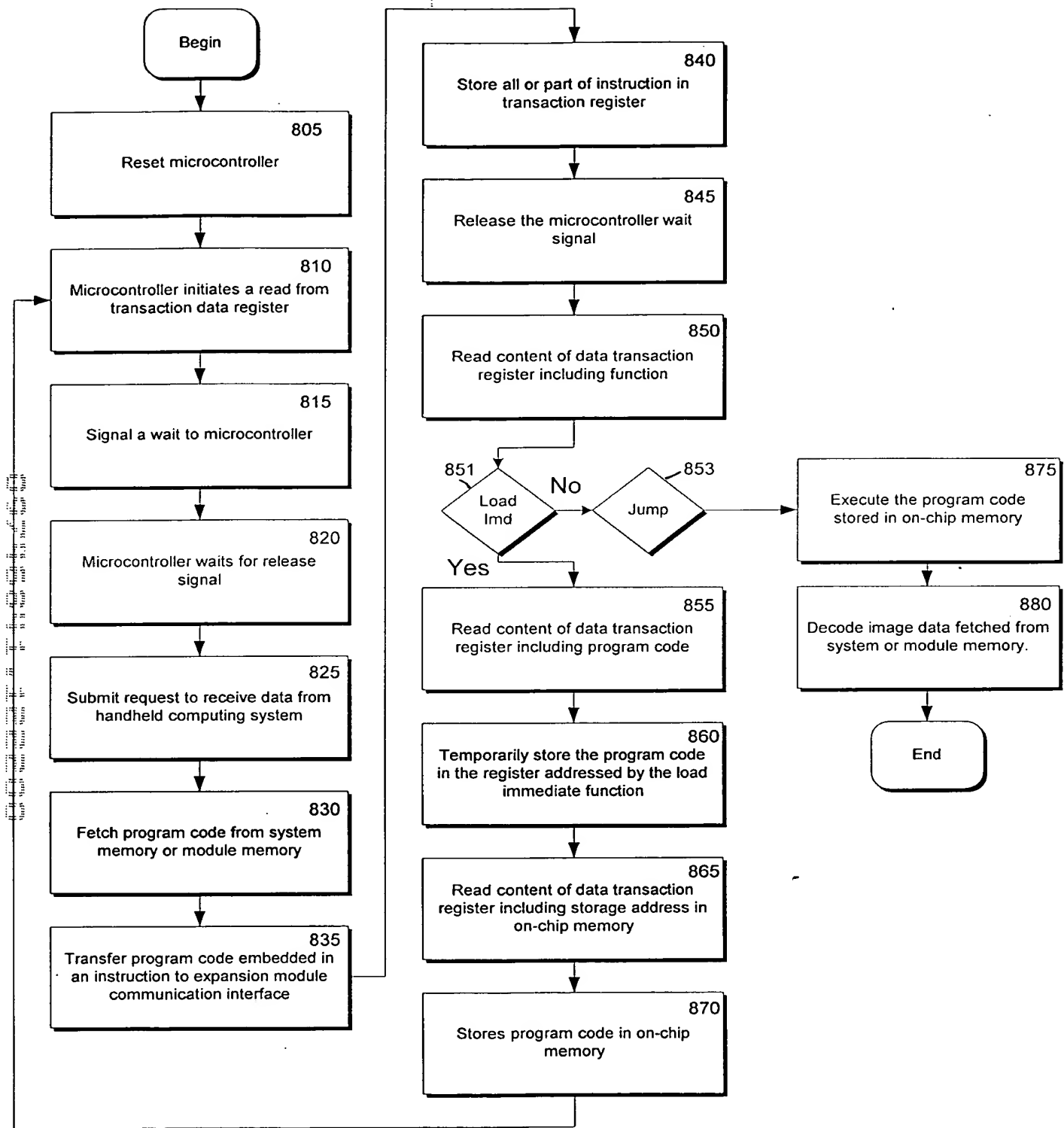


FIG. 8

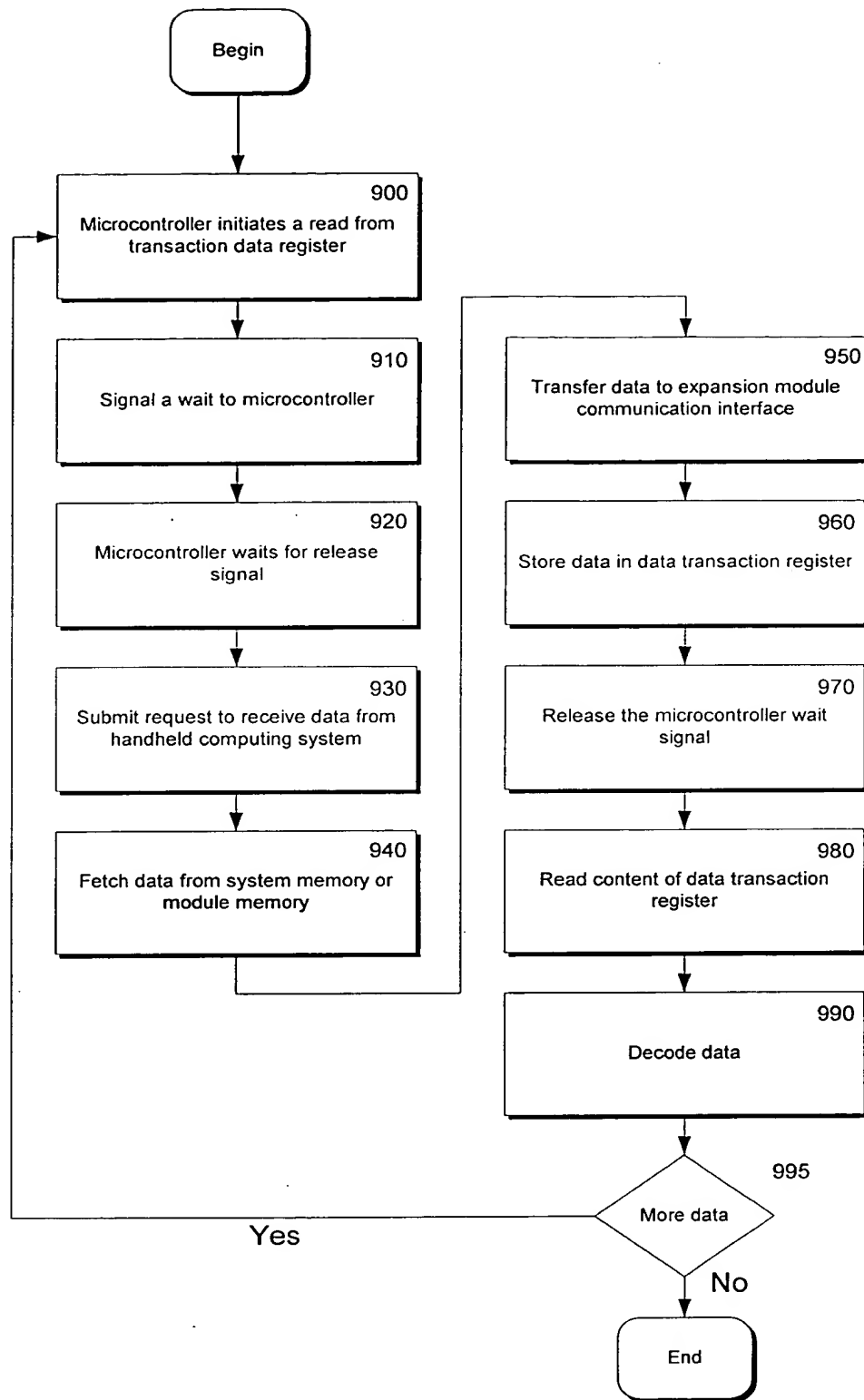


FIG. 9